

TEQIP – II
8th BOG MEETING



**Govt. College of Engineering,
Bargur**

Date: 15.03.2014

**GOVERNMENT COLLEGE OF ENGINEERING,
BARGUR - 635104, KRISHNAGIRI.**

MINUTES OF EIGHTH BOG MEETING

The **Eighth BOG Meeting** was held on **15-03-2014** at GCE, Bargur.

Following members attended the meeting:

- | | | |
|---|---|---|
| 1 | Mr. K. Murugan
NHK.F. Krishna India Automotive
Seating Pvt. Ltd., Plot No:44,
SIPCOT Industrial Part, Oragadam,
Sriperumpudur TK, Kanchipuram DT.
Mobile: 7598221823 | Chairman-BOG, |
| 2 | Prof. P. M. Kavimani,
Additional Director (Exams),
Directorate of Technical Education,
Chennai-600 025.
Mobile: 9443219453 | Eminent Educationalist
- BOG Member |
| 3 | Mr. P. Thanikachalam,
Managing Partner of Ideal
Foundations & NHAI Consultant,
A10, Jayanagar, TNHB Colony,
Kannagkurichi Main Road,
Salem- 636 008.
Mobile: 9486358872 | Representative from
Industry
- BOG Member |
| 4 | Dr. S. Marshal Anthoni,
Associate Professor,
Department of Mathematics,
Anna University Regional Centre,
Coimbatore- 641 047
Mobile: 9894207162. | Nominee of University
- BOG Member |
| 5 | Dr. P. K. Jayadev,
Principal (Retd),
Govt. College of Engineering,
Salem-636 011
Mobile: 9443056469 | Eminent Educationalist
- BOG Member |
| 6 | Mr.N. Arumugam, | Nominee from finance |

	FA & CAO , Directorate of Technical Education, Chennai-600 025 Mobile – 94444 98508	wing of DOTE -BOG Member
7	Prof. K. Subathra, Principal (i/c), Govt College of Engineering, Bargur, Krishnagiri-635 104.	Principal(i/c) & BOG Member
8	Dr. M. Chandrasekaran, Prof. /ECE Govt College of Engineering, Bargur, Krishnagiri-635 104.	TEQIP Nodal Officer - BOG Member
9	Dr. V. Thirunavukkarasu, Asso. Prof / ECE, Govt College of Engineering, Bargur, Krishnagiri-635 104.	Academic Nodal Officer /TEQIP (Representative from Senior teaching Staff) - BOG Member

Action Taken Report

Following programmes were conducted.

- **QEEE programme from IITs** – video lectures are streamed. Currently CSE, ECE and Mechanical students are attending the lectures.
- **Anna University – Edusat Programme** – live video lectures are streamed for EEE, ECE, CSE & Mechanical students. English Communication lectures are also attended by all the students.
- **NPTEL VIDEOS.**All NPTEL video lectures (related to their current subject) will be streamed in the class room.
- The video lectures projected in addition to the regular theory classes
- FDP up to FEB 2014 – 29 in all departments(Conducted inside institution)
- FDP up to FEB 2014 – 98 in all departments(attended outside institution)
- SDP up to FEB 2014– 14 in all departments
- SDP up to FEB 2014– 10 in all departments(attended outside institution)
- Student development Programme - 46 in all departments
- Construction of Percolation pond - work is completed.
- RC Aircraft &RIMS (Remote Infrastructure Management Systems) – training completed for the Students of ECE, CSE,EEE & Mech.

- Internal Revenue Generated by EEE& Mechanical dept. as on 28.02.2014 is Rs.1,37,850/-

The Principal (i/c) welcomed all the members of BOG for the meeting. The following resolutions were approved by the committee after discussion.

Agenda: 8.1

1. Resolved to approve the **seventh**BOG meeting agenda and Minutes.

It is approved

Agenda: 8.2

- **TEQIP-II Procurement**

TEQIP procurement – Actual **expenditure as on 28-02-2014 is Rs4.067 cores** approx.

The status of the following procurements mentioned in the 7th BOG is given below

1. **Campus wide networking - Order placed and work is nearing completion**

Over and above the following items are nearing completion in procurement plan under TEQIP-II

BSNL Leased line 15 Mbps Band width - Orders placed

Order was placed for the minor items like notice boards, name boards, electrical switches, wires, etc.

The above is ratified.

Agenda: 8.3

(Training at other institutions in January, February 2014)

Title of the Programme& Date	Number of Participants	Organization & Place
Leadership Program in University Management-Phase III (27.01.2014)	01	Organised by IIM,Kozhikode, MHRD&NUS,Singapore
Effective Interpersonal Communication,Capacity Building and TimeManagement (01.02.2014 – 03.02.2014)	10	Conducted by Edumatic Solutions in Bangalore
National Seminar on Formulation of Research & Development Initializes for women scientist and Technologists (05.02.2014-07.02.2014)	04	ESCI,Hyderabad
ISTE WPLP on "Effective teaching &Learning Pedagogy" (05.02.2014-07.02.2014)	01	Organized by ISTE in Hotel Chaitram,Thiruvananthapuram
Industry Readiness in Engineering Education (14.02.2014-16.02.2014)	04	Conducted by Edumatic Solutions in Bangalore
ISTE WPLP on "Effective teaching &Learning Pedagogy" (19.02.2014-21.02.2014)	17	Organized by ISTE in Hotel Le Meridien,New Delhi
Programme on "From Campus to corporate" (22.02.2014-23.02.2014)	05	ESCI,Hydrabad

The above is ratified.

Agenda:8.4

TEQIP II - Building Extension.

- a) Extension of Laboratories - Eight bays of labs are being constructed with state budget; **remaining six bays will be constructed with TEQIP funds** as extension of labs; Plan and estimate got from PWD. **Construction is started.** Plan and estimate approved from CTE to construct toilets 2nd floor and Physics Lab refurbishing work using institution fund;
- b) **This institution thanked CTE for the above approval using Institution fund.**

The above is approved.

Agenda: 8.5

Water supply from CWSS-TWAD:

To get water from Thenpennai-CWSS deposit for water charges Rs.5.4 lakhs and project cost of Rs.54.68 lakhs was paid to TWAD board. Principal met the MD/TWAD in Vellore and requested to execute the project urgently. As per MD/TWAD's instruction tender was floated. Work is expected to be completed by end of May 2014.

The above is ratified.

Agenda: 8.6

Accreditation & Autonomy

- Total fees are paid for getting accreditation to NBA; HOD CSE completed the e-SAR work and the tentative date for Accreditation committee visit was also given in the month of JULY 2014.
- Autonomy – 2 (f) forms was obtained from Anna University, Chennai and sent to UGC for visit.
- **UGC asked GCE,Bargur to send affiliation for 2013-2014 and revised 2f form.**
- A request letter was sent to Anna University to send affiliation for 2013-2014. After getting the affiliation revised 2f form must be got from Anna University.

Starting P.G Courses

Application has been submitted to Anna University to start two new P.G programme M.E (CSE) and M.E (Power Electronics& Drive). Special permission from CTE is requested to start M.E (Thermal Engineering) and M.E (Applied Electronics) in GCE, Bargur as a special case.

The above is ratified.

Agenda: 8.7

Ph.D

Nine faculty members are already doing their research (ECE-2, EEE-2, CSE-1, Mech-2, Maths-1 & Phy-1). They are eligible for tuition fee refund under TEQIP-II. **New faculty members have applied for doing Ph.D.**

The above is ratified.

Agenda: 8.8 Appointment of MIS Data Entry operator & Officer

As the **Data Entry Operator** got Govt. job, he resigned the job. The **next person in the rank list was given the appointment. His name is Thiru.Arputharaj.**

Salary for Data Entry operator Rs.10, 000/- (NPIU Norms)

Salary for MIS Officer Rs.20, 000/- (NPIU Norms)

The above is ratified.

Agenda: 8.9

a. NOC for Passport and for Foreign Travel

Faculty members who have joined in APR 2013 have got their research papers selected for presentation in Singapore and other foreign countries. As per Principal's statement, their applications were not considered as they do not have one year of service for giving NOC for getting passport. BOG requests the Commissioner of Technical Education to consider these as a special category because this will encourage the new faculty to do more research. BOG recommends these candidates to get NOC for passport and for foreign travel only for presenting their research papers in International conferences.

b. NOC FOR OTHER FACULTY

For other Faculty with experience getting NOC for Passport/For foreign Travel is totally delayed and they could not participate in the conferences. BOG requests the Commissioner of Technical Education to get special approval from Govt. for giving permission for all the Faculty to give NOC for getting Passport / For Foreign Travel during TEQIP-II activities (Upto Dec 2014). BOG feels that this type of encouragement must be given to Faculty in time. BOG expects and wishes the Commissioner to give special attention to this issue.

(The BoG suggested that representation referring the MoU signed by Secretary with World Bank regarding the foreign travel can be given to Commissioner of Technical Education to give permission to go on foreign travel)

Agenda: 8.10

Summer Vacation Training programmes for students to enhance employability.

1. Embedded Electronics – ECE Final Year.
2. Power electronics – EEE Final Year.
3. Cloud Computing & RIMS – CSE Final Year.
4. CAD, CAM & CAE – Mechanical Final Year.

LG Electronics, ESCI-Hyderabad, NAFEMS are ready to support GCE, Bargur for the above programmes.

The above is permitted.

Agenda: 8.11

Guidelines given by NPIU: The Institution may provide honorarium to officials/ staff working in TEQIP-II cell. Institution will lay down the norms in this regard. The expenditure may be booked under the activity head for which he/she is working under the TEQIP-II Cell or IOC head of expenditure.

Objective of giving Honorarium:

To encourage Faculty and staff towards better performance by giving some token amount as incentive to acknowledge work done over and above routine work.

PROPOSED HONORARIUM PER MONTH- FROM AUGUST 2013

Sl.	Name of Faculty involved in	Category	Amount in	Expenditure Head
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No.	the activity		Rs.	
1	Prof.K.Subathra	Principal/ Director	5000	IOC
2	Dr.M.Chandrasekaran	TEQIP Co-ordinator	4500	IOC
3	Dr.V.Thirunavukkarasu	Academic Nodal Officer	4000	Capacity development/FDP
4	Prof.T.Govindan	Procurement Nodal Officer	4000	Procurement
5	Prof.P.Thirumal	Equity & IIC Nodal Officer	4000	Weak students Training
6	Prof.G.Saravanan	Civil works Nodal Officer	2000	Procurement
7	Prof.J.NafeesaBegaum	Finance Nodal Officer	4000	IOC
8	Dr.I.Thangaraju,EEE	Subcommittee member (Procurement)	1500	Procurement
9	Prof.S.Selvi,CSE	Subcommittee member (Finance)	1500	IOC
10	Prof.S.Ananthakumar	Subcommittee member (Equity)	1500	Weak students training
11	Prof.Irin Dorothy	Subcommittee member (Academic)	1500	Capacity development/FDP
12	Prof.Satheeshpandian Prof.CMT.Karthikeyan CSE	MIS Co-ordinators (2 x 1500)	3000	IOC
13	Office staff	TEQIP cell office staff(6 members x 1000)	6000	IOC
14	Prof.A.Thangaraj, EEE Prof.Kulandaivel, Mech Prof.Manogaran,ECE Prof.B.Sivaranjani,CSE	IIC member faculty (4 members x 1500)	6000	Industry Academic collaboration
Total Monthly Expenditure shall not exceed Rs 60,000/=				

The above was permitted by the BOG in the 7th BOG meeting. As per Principal's statement an e-mail was received from SPFU reducing the honorarium and a new pattern of honorarium was recommended by CTE. BOG feels and recommends that the same pattern of Honorarium approved in 6th & 7th BOG meeting must be continued as this college is progressing well with TEQIP-II works and this is a small encouragement to all who are contributing to the welfare of the students.

(BoG recommends representing the issue to the CTE/SPFU with justifications)

Agenda: 8.12

State budget

Year	2012-13	2013-14	2014-15 (Proposed)
Plan JB 19 01 Purchase	63 Lakhs	63 Lakhs	70 Lakhs
Non Plan 47 S& E	5.5 Lakhs	6 Lakhs	8 Lakhs
19 03 Maintenance	2.5 Lakhs	2 Lakhs	3.5 Lakhs

The State budget has been spent.

The above is permitted

Agenda:8.13

It is proposed to start e-Yantra robotics lab (with IIT Mumbai) in GCE, Bargur. This college will act as nodal centre for other colleges in training in robotics. The infrastructure required to establish the lab is approximately Rs.5.00 Lakhs. Permission requested to implement the same.

The above is approved

Agenda:8.14

Faculty members have research papers published in International refereed journals. As per 3rd BOG minutes an incentive of Rs.5000 for 1st author and Rs.2000 for second author can be given for publications in Anna University Annexure -1. This incentive is limited to 2 publications per academic year at present. The above incentive may be extended to publications in international refereed journals also. (This is not applicable to publications in paid journals)

The above is ratified.

Agenda: 8.15

Improvement & updating Institutional Project Budget for Sub Component 1.1

Institutional Project Budget for Sub-Component 1.1												
S. NO	Activities	Project Life Allocation	(Rupees in Crore)									
			2011-2012		2012-2013		2013-2014		2014-2015			
			Original Plan	Revised Plan	Original Plan	Revised Plan	Original Plan	Revised Plan	Original Plan	Revised Plan		
1	Infrastructure improvements for teaching, training and learning through:	4.8	2.140	0.000	2.000	2.030	0.980	2.867	0.380	0.600		

	(i) Modernization and strengthening of laboratories		1.500	0.000	1.500	0.690	0.380	0.845	0.380	0.000
	(ii) Establishment of new laboratories for existing UG and PG programmes and for new PG programmes		0.000	0.000	0.000	0.960	0.000	0.180	0.000	0.250
	(iii) Modernization of classrooms*		0.000	0.000	0.000	0.160	0.000	0.090	0.000	0.000
	(iv) Updation of Learning Resources		0.080	0.000	0.100	0.005	0.400	0.392	0.000	0.000
	(v) Procurement of furniture		0.160	0.000	0.000	0.215	0.000	0.060	0.000	0.000
	(vi) Establishment /Upgradation of Central and Departmental Computer Centers*		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	(vii) Modernization/ improvements of supporting Departments*		0.000	0.000	0.000	0.000	0.000		0.000	0.000
	(viii) Modernization and strengthening of libraries and Increasing access to knowledge resources		0.200	0.000	0.200	0.000	0.100	0.150	0.000	1.000
	(ix) Refurbishment (Minor Civil Works)*	0.5	0.200	0.000	0.200	0.000	0.100	0.150	0.000	0.350
2	Providing Teaching and Research Assistantships to increase enrolment in existing and new PG programmes in Engineering disciplines	1.0	0.400	0.000	0.400	0.000	0.200	0.000	0.000	0.000
3	Enhancement of R&D and institutional consultancy activities*	0.2	0.100	0.000	0.100	0.000	0.000	0.002	0.000	0.060

4	Faculty and Staff Development (including faculty qualification upgradation, pedagogical training, and organizing/participation of faculty in workshops, seminars and conferences) for improved competence based on TNA	1.0	0.400	0.000	0.300	0.135	0.200	1.060	0.100	0.616
5	Enhanced Interaction with Industry	0.4	0.200	0.000	0.100	0.020	0.050	0.040	0.050	0.040
6	Institutional management capacity enhancement	0.3	0.150	0.000	0.100	0.000	0.025	0.000	0.025	0.000
7	Implementation of institutional reforms	0.2	0.100	0.000	0.080	0.050	0.010	0.110	0.010	0.000
8	Academic support for weak students under the aegis of Finishing School	0.4	0.200	0.000	0.100	0.035	0.100	0.570	0.000	1.110
9	Technical assistance for procurement and academic activities	0.2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	Incremental Operating Cost	1.0	0.200	0.000	0.300	0.025	0.300	0.300	0.200	0.340
Total Rs. in Crore		10	3.890	0.000	3.480	2.295	1.865	4.949	0.765	2.766

Institutional Project Budget 2014-2015

Name of the Institution : Government College of Engineering, Bargur - 635104			
Sl. No	Activity	Amount in Crores	
1	Infrastructure improvements for teaching, training and learning through:		
	(ii) Establishment of new laboratories for existing UG and PG programmes and for new PG programmes		
	CNC Milling Machine	0.2	
	Minor Items Like electrical items, notice board etc.,	0.05	
	(viii) Modernization and strengthening of libraries and Increasing access to knowledge resources		
	Campus wide Networking		
	(ix) Refurbishment (Minor Civil Works)*	0.35	0.6
2	Providing Teaching and Research Assistantships to increase enrolment in existing and new PG programmes in Engineering disciplines		0
3	Enhancement of R&D and institutional consultancy activities*		
	Conducting Conference	0.02	
	Salary for Research Adviser	0.04	0.06
4	Faculty and Staff Development		
	TNA Plan Submitted CSE Dept (FDP +SDP)	0.15	
	TNA Plan Submitted EEE Dept (FDP +SDP)	0.166	
	TNA Plan Submitted ECE Dept (FDP +SDP)	0.15	
	TNA Plan Submitted MechDept (FDP +SDP)	0.15	0.616
5	Enhanced Interaction with Industry		
	Seminar & Workshop by Industrial Experts - CSE	0.01	
	Seminar & Workshop by Industrial Experts - EEE	0.01	
	Seminar & Workshop by Industrial Experts - ECE	0.01	
	Seminar & Workshop by Industrial Experts - Mech	0.01	0.040
6	Institutional management capacity enhancement		0.000
7	Implementation of institutional reforms		0.000
8	Academic support for weak students under the aegis of Finishing School		
	Academic support for weak students- CSE	0.26	
	Academic support for weak students- ECE	0.27	
	Academic support for weak students- EEE	0.28	
	Academic support for weak students- Mech	0.30	1.110
9	Technical assistance for procurement and academic activities		0.000

10	Incremental Operating Cost		
	Salaries	0.04	
	Operations & Maintenance	0.200	
	BOG Meeting Expense	0.100	0.340
Total in Rs. Crores.			2.766

The above is ratified

Agenda: 8.16

Result Analysis

Branch	Over all Transition Rate (First Year)	
	Dec 2012	Dec 2013
Mechanical	39.66	41.38
EEE	69.49	69.61
ECE	81.81	82.22
CSE	70.9	71.5

Academic Support Results of May 2013. (Mech& EEE)

Sl. No.	Name of the Subject	Dept	Year	Number of Beneficiaries	Number of passed students
1	Engineering Mechanics	MECH	For Arrear & Weak Students	12	11
2	Thermodynamics			5	5
3	Design of machine elements			18	16
4	Strength of materials			3	3
5	Fluid mechanics			6	6
6	Theory of Machines			27	25
7	Thermal Engineering			5	5
8	Fundamentals of programming	EEE	I	56	52
9	Electromagnetic theory		II	70	65
10	Digital Signal Processing		III	59	52

Academic Support Results of May 2013. (CSE& ECE)

Sl. No.	Name of the Subject	Dept	Year	Number of Beneficiaries	Number of students Passed
11	Analog & Digital communication	CSE	II	67	64
12	Digital System Design		II	67	61
13	Theory of computation		III	64	59
14	Programming Paradigm		III	64	60
15	Discrete mathematics		III	64	58
16	Artificial Intelligence		IV	65	59
17	Electric Circuits I	ECE	II	61	58
18	Digital Signal Processing		III	60	54

Agenda: 8.17

INITIAL GOVERNANCE DEVELOPMENT PLAN

This Governance development plan has been authorized by the Governing body in the 8th BOG meeting held on 15th march 2014

OUR COMMITMENT

Government College of Engineering, Bargur is one of the educational institutions developed by Government of Tamil Nadu, which was started in the year 1994 to cater to the needs of the nation in the development of technocrats and to provide facilities for educating and training men and women to meet the entrepreneurial and management needs. The Tamil Nadu Government has created adequate infrastructural facilities and sufficient funds and is keen on developing the institute for higher education.

OUR GOVERNANCE PLANNING AND DEVELOPMENT TEAM

S. No.	Name of Member of BoG	Qualifications and position in the current engagements	Position in the BoG
Chairperson			
01	Mr.K.MURUGAN	M.S(Manufacturing Management) MBA(finance)	CHAIRMAN
An Industrialist/ technologist /educationist from the Region to be nominated by the concerned Regional Committee as nominee of the Council, out of the panel approved by the Chairman of the Council.			
02	Dr.P.K.JAYADEV		Educationist
Nominee of the Affiliating Body/ University/ State Board of Technical Education. Nomination requested can be accepted – attach the request letter			
03	Dr.S.MARSHAL ANTONY University Nominee		
Nominee of the State Government- Director of Technical Education (ex-officio)			
04	PROF.P.M.KAVIMANI		State Govt. NomineeAdditional Director, DOTE, (ex-
An Industrialist/ technologist /educationist from the Region to be nominated by the State Government			
05	Mr.P.THANIKACHALAM		Industrialist
Principal/Director of the concerned technical institution.			
06	PROF.K.SUBATHRA, PRINCIPAL		Member-Secretary
Two faculty members to be nominated from amongst the staff by the Principal/Director.			
07	Dr.M.CHANDRASEKARAN, PROF./ECE (TEQIP – II Co-ordinator)		Senior Faculty
08	Dr.V.THIRUNAVUKKARASU, ASSO. PROF. / ECE (TEQIP – II Academic		Senior Faculty

**THE
STAKEHOLDERS**

The Stakeholders are the students admitted to the following four branches of Engineering:

- *Electrical and Electronics Engineering*
- *Electronics and Communication Engineering*
- *Computer Science and Engineering*
- *Mechanical Engineering*

Total Number of Students on Roll : 985

Parents, Faculty, Alumni and the Society

**TIME AND PLACE
FOR PLANNING**

Four BOG meetings are conducted every year. Meetings are organised by the Principal and the Member Secretary. The date and venue are fixed in consultation with the Chairman and other members of the BOG. Meetings are conducted at the Institution.

Seven BOG Meetings were conducted so far.

**DECISIONMAKING
FOR PLANNING AND
DEVELOPMENT**

A Pre BOG Meeting of HODs is conducted by the Principal. BOG Agenda is finalized by discussion.

The final agenda for the BOG Meeting is prepared and sent to All BOG members.

During the BOG Meeting, decisions are taken by discussing each agenda one by one.

Finally all the decisions are recorded in the minutes of meeting.

Minutes of BOG Meeting is uploaded in the website.

Our governance vision

Our governance vision for our future is ...

- To provide world class engineers who are ethical and good citizens of our motherland.
- To groom the student community through learner centric quality lectures, laboratories, libraries and value added training.
- We, at Government College of Engineering, Bargur as a dedicated team committed to constantly work for the student's continual improvement in terms of Quality in Education, Updated Technical Knowledge, Personality Development and Career Advancement to meet the Challenges in the world.

OUR ACTION PLAN

Action Plan of each department is given below

DEPARTMENT OF ECE

ACTION PLAN

Department of ECE envisions being centres of excellence in the following:

- ❖ Embedded System Design and Application development Centre
- ❖ Testing Centre facilitating testing of all measuring instruments, sensors etc. and
- ❖ Skill Development in Electronic System Design and Manufacturing

OUR RESOURCES

- Advanced Communication Lab is established with equipment such as Microwave antenna trainer, Satellite communication trainer, **S- band microwave integrated training system, vector network analyzer trainer, EMI, EMC trainer, OTDR and Software define radio.**
- Communication and Electronics Labs are modernized with **100MHz & 200 MHz Digital Storage Oscilloscope.**
- EDUSAT Facility in Library providing online lectures
- LCD Projectors fitted in classrooms

OUR ACTION TAKEN

- MoU is signed with M/s. Texas Instruments. TI Centre of Excellence in Embedded System is established. Planned to conduct student training programs.
- Conducted Student Training Programs in Subject related areas like Embedded System, Computer hardware interfacing. A number of similar Programs are being organised. MoU is signed with M/s. Frontline Electronics in August 2013. Research projects are initiated under this MoU in Renesas Microcontrollers.
- UG Project works of the students are done with support of Industries. Recently 12 batch of our students participated in the Embedded system design contest conducted on 4th Oct 2013 at ACCET, Karaikudi, conducted by Renesas Corporation Japan. One of the batches won **Third Prize**.
- Student Support Program on "PCB Design-Hands on Training" was conducted with the support of M/s. PanTech Solutions.
- EDUSAT Facility in Library providing online lectures for Electromagnetic Fields, Probability & Queuing Theory and VLSI Design. Students will be encouraged to attend similar programs in future.
- LCD Projectors fitted in classrooms for demonstrating NPTEL materials and PPT of regular subjects. Faculty are motivated to make use of the Projectors for regular Classes. Students are also permitted to use the LCD Projectors to get trained in presentations for seminar, symposium etc.
- Gate Coaching is given to students. Present Third Year students are motivated to undertake Gate and other competitive examinations.
- A Robotics Lab is being setup with the assistance of IIT Mumbai. Equipment and materials required for the e-Yantra lab is being procured. Dr.V.Thirunavukkarasu, Asso. Prof. / ECE will be the Team Leader. This Institution will act as the nodal centre for establishing similar labs in the nearby engineering institutions. Training of the faculty of the nearby institutions will be given by our faculty.

OUR OUTCOMES

UG Project works of the students are done with support of Industries. 12 batch of our students participated in the Embedded system design contest conducted on 4th Oct 2013 at ACCET, Karaikudi, conducted by Renesas Corporation Japan. One of the batches won **Third Prize**.

University Exam Results:

Year	Result Nov/Dec 2013
I	82.22%
II	84.74%
III	55.93%
IV	85.71%

ECE department students has secured three University Ranks in the Year 2012-2013

Sl No	Name of student	CGPA	Rank (out of 7333 students)
1	SHAKUNTHALA V	9.01	37
2	JASMINE H	8.98	40
3	SHANTHI P	8.91	47

OUR ONGOING MONITORING

- 1.Internal Reviews and internal audit by TEQIP cell officers
- 2.Project reviews by Commissioner of Technical Education once in six months
- 3.Performance assessment by Auditors yearly once
- 4.Finance audit once in six months
- 5.Separate Procurement audit done by NPIU

**ACTION PLAN OF
EEE**

1. In the Department of EEE, faculty wants to specialize in Energy area.
2. Consultancy in harmonic analysis in industries and in other sectors to improve the power quality.
3. Research in improving the Power quality; Faculty training in Smart grids and its study; Renewable energy area; Distributed generation etc.
4. Field visits in smart grid, Renewable energy plants, Distributed generation, HVDC generation etc
5. To conduct National and International conferences etc
6. Consultancy in measuring leakage current in establishing Petrol Bunks.
7. To start PG Course in Energy Engineering.

OUR RESOURCES

1. Eight equipment are purchased in Renewable energy area under TEQIP-II.
2. New equipments are to be purchased in renewable energy area, Power Quality, etc;
Faculty doing Research in Renewable Area and PG students
3. For consultancy, **Power quality analyzer was already purchased.**
4. Earth leakage resistance measurement unit to be purchased to start the consultancy in the measurement of leakage current in order to establish Petrol Bunks.

OUR ACTION TAKEN

UG projects are done using the purchased equipment.
Faculty development training are done using all equipment
Consultancy started in harmonic study in industries using power quality analyzer.
Solar Panel purchased under TEQIP-II has been used to supply Power to class rooms in EEE block during 6.15 PM to 9.15 PM during Part time Classes.

OUR OUTCOMES

1. UG Projects, PG projects, Research Publications in Renewable Area and energy sector.
2. Revenue generated (Rest 10,000) already ;to be continued in Power quality measurement
3. Research publications and patents in improving Power Quality
4. Revenue generation in Earth leakage current measurement to establish a petrol bunk.
5. Quality Engineers in Energy area

OUR ONGOING MONITORING

1. Internal Reviews and internal audit by TEQIP cell officers
2. Project reviews by Commissioner of Technical Education once in six months
3. Performance assessment by Auditors yearly once
4. Finance audit once in six months
5. Separate Procurement audit done by NPIU

DEPARTMENT OF CSE**ACTION PLAN**

Department of CSE envisions being centers of excellence in the following:

- ❖ Remote Infrastructure Management Services
- ❖ Cloud Computing
- ❖ Software Testing Centre facilitating development and testing of Software
- ❖ Communication Technologies.
- ❖ Cyber Security

OUR RESOURCES

- ❖ IBM rational Rose Software
- ❖ Communication Laboratory
- ❖ Anna EduSAT
- ❖ QEEE project
- ❖ NPTEL material

OUR ACTION TAKEN

- ❖ *Conducted Student Training Programs in Subject related areas like Remote Infrastructure management Services, Cyber Security, Information Security*
- ❖ *UG Project works of the students are done in this Areas like Remote Infrastructure Management Services, Communication Technologies.*
- ❖ *Student Support Program on "Android Application Development" was conducted with the support of M/s. PanTech Solutions.*
- ❖ *EDUSAT Facility in Library providing online lectures for Database Base Management Systems and Compiler Design .*
- ❖ *QEEE Class Room has been setup*
- ❖ *Campus Connect Program from Infosys is being conducted.*
- ❖ *Initiative for STAR Scheme (Standard Training Assessment and Reward) across India The STAR scheme is an initiative to boost employability and productivity of youth by providing them monetary incentive to voluntarily join an approved skill training course that is certified by Sector Skill Councils.*
- ❖ *Soft Skills Training Given to students for placement.*

OUR OUTCOMES

- ❖ UG Project works of the students are done with support of Industries. Online training Via Skype has been provided for students undergoing RIMS Training.
- ❖ Papers are published by the Faculty in Conferences

University Exam Results:

Year	Result Nov/Dec 2013
I	32/52 (61.78%)
II	44/65 (70.97%)
III	54/ 64 (84.38%)
IV	51/65 (78.46%)

CSE department students has secured four university Ranks in the Year 2012-2013

Sl No	Name of student	CGPA	Rank (out of 4986 students)
1	Sathyarubini R	8.93	34
2	Gowri S	8.9	37
3	Silviya Rani J	8.84	43
4	Hemalatha P	8.79	48

OUR ONGOING MONITORING

- 1.Internal Reviews and internal audit by TEQIP cell officers
- 2.Project reviews by Commissioner of Technical Education once in six months
- 3.Performance assessment by Auditors yearly once
- 4.Finance audit once in six months
- 5.Separate Procurement audit done by NPIU

**ACTION PLAN OF
MECHANICAL
ENGG**

- 1. In the Department of Mechanical Engineering, faculty wants to establish Fuel Research, CAD/CAM and Advanced Manufacturing facilities.*
- 2. Consultancy in fuel research and material testing in industries and in other institutions will be taken.*
- 3. Students will be trained in digital manufacturing and I.C engine research.*
- 4. Faculty members will be updated in subject domain and trained in pedagogy.*
- 5. To conduct National and International conferences etc.*
- 6. To start PG Course in Manufacturing and Thermal Engineering.*

OUR RESOURCES

- 1. I.C Engine research lab*
- 2. Material Testing Lab.*
- 3. CAD/CAM lab.*
- 4. CNC lab (Turning & Milling Centre)*
- 5. Metrology and Measurement lab.*
- 6. Mechatronics lab.*

ACTION TAKEN

- UG projects are done using the purchased equipment.*
- Faculty development training are done using all equipment*
- Consultancy started in fuel research and material testing.*
- Faculty members are publishing their research work in reputed international journals.*
- Research projects are under taken and applied for funds.*

OUR OUTCOMES

- 1. UG Projects, Research Publications in Mechanical Engineering; Particularly in the area of Thermal Engineering, Manufacturing Engineering*
- 2. Revenue generated (Rs. 1.27 lakhs) already ;to be continued in future*
- 3. Research publications and U.G projects in the areas of thermal engineering& composite materials.*
- 4. 100% pass in the first batch (2009-2013)*
- 5. Two University rankings.*

**OUR ONGOING
MONITORING**

- 1. Internal Reviews and internal audit by TEQIP cell officers*
- 2. Project reviews by Commissioner of Technical Education once in six months*
- 3. Performance assessment by Auditors yearly once*
- 4. Finance audit once in six months*
- 5. Separate Procurement audit done by NPIU*

Agenda: 8.18 (Table Agenda)

- **Special funds Rs.25 Lakhs may be allocated to GCE from NPIU , Bargur for establishing and development of English language labs in all UG programmes.**
- Using this facility students will be trained in communication skills to exhibit their technical skills and expertise. This will enable the students to become more employable. Internal revenue can be generated by conducting spoken English course for outside students also.
- **To equip the library with e-journal NPIU is requested to allot another 1.0 crore to GCE, Bargur.**
- This knowledge resource will enable the UG students to refer and innovate new projects.
- Each course will be allocated 25 lakhs of e-journals.

It is approved.

Agenda: 8.19

Governance Self-Assessment – GCE, Bargur

INSTITUTIONAL GOVERNANCE REVIEW TEMPLATE	
A PRIMARY ACCOUNTABILITIES	
SELF-REVIEW QUESTIONS	ASSESSMENT
Has the Governing Body approved the institutional strategic vision, mission and plan - identifying a clear development path for the institution through its long-term business plans and annual budgets?	Before starting the project SWOT analysis was conducted with Student, Faculty members, HOD and Principal. Based on the SWOT analysis draft institutional development plan was finalized. Draft IDP was placed in BoG and got improved and finalized in 2012-13. For 2013-14 again IDP was revised in BoG and got approved in BoG. State budget, TEQIP procurement, Faculty and staff training activities and all other academic activities are planned and placed before BoG for discussion and got approved.
Has the Governing Body ensured the establishment and monitoring of proper, effective and efficient systems of control and accountability to ensure Financial sustainability (including Financial and Operational controls, risk assessment and management clear procedures. For	Yes. All the subcommittee decisions are placed in BoG for approval and process. The activities of institution are monitored by the BoG; on every BoG meeting an action taken report is placed based on

Managerial and physical human resources)	the previous minutes.
<p>Is the Governing Body monitoring institutional performance and quality assurance arrangements?</p> <p>Are these benchmarked against other institutions (including accreditation, and alignment with national and international quality assurance systems) to show that they are broadly keeping pace with the institutions they would regard as their peers or competitors to ensure and enhance Institutional reputation?</p>	<p>BoG is informed in each meeting about;</p> <ol style="list-style-type: none"> 1. Academic Results and transition rate. 2. External funding obtained from other research agencies. 3. Testing and consultancy services and IRG generated. 4. Training programmes for faculty, technical staff, and students. 5. Industry need based training for students and industry projects taken by the students. 6. Comparing the output with top institutions based on Anna University results in each semester. 7. Adopting the best practice in the leading institutions. 8. In every BoG meeting, action taken report placed based on previous BoG meeting minutes. 9. Mentor's report & Performance Auditor's report is placed in BoG. 10. SPFU review report approved by Commissioner of technical education is placed in BoG
Has the Governing Body put in place suitable arrangements for monitoring the head of the institution's performance?	<p>Yes.</p> <p>Monitoring is based on completion of BoG agenda.</p> <p>Mentor's report on the performance of Head of Institution is given to BoG chairman after every visit.</p> <p>BoG Chairman will record the action taken report of the previous BoG minutes in every meeting.</p>

INSTITUTIONAL GOVERNANCE REVIEW TEMPLATE	
B OPENNESS & TRANSPARENCY IN THE OPERATION OF GOVERNING BODIES	
SELF-REVIEW QUESTIONS	ASSESSMENT
Does the Governing Body publish an annual report on Institutional performance?	<p>Yes. One year report is published for 2012-13. (Annex-3)</p> <p>Annual report for 2013-14 is placed inBoG.</p>
Does the Governing Body maintain, and	Yes. Every time members are asked to

publicly disclose, a register of interests of members of its governing body?	record their feedback about the meeting in the visitor's register
Is the Governing Body conducted in an open a manner, and does it provide as much information as possible to Students, faculty, the general public and potential employers on all aspects of institutional activity related to academic Performance, finance and Management?	Yes. After the meeting the minutes of the meeting is circulated to the departments and the same is published in the web site.
INSTITUTIONAL GOVERNANCE REVIEW TEMPLATE	
C KEY ATTRIBUTES OF GOVERNING BODIES	
SELF-REVIEW QUESTIONS	ASSESSMENT
Are the size, skills, competences and experiences of the Governing Body, such that it is able to carry out its primary accountabilities Effectively and efficiently, and ensure the confidence of its Stake holders and constituents?	Yes. BoG is constituted as per NPIU guidelines and approved by State Government. BoG Chairman has evaluated the expertise and competencies of BoG members.
Are the recruitment processes and procedures for governing body members rigorous and transparent? Does the Governing Body have actively involved independent members and is the institution free from direct political interference to ensure academic freedom and focus on long- term educational objectives?	BoG does not have any member with political influence and its constitution is based on NPIU guidelines. The appointment of BoG member and Chairman is transparent. BoG consists of industry persons and senior academicians only.
Are the role and responsibilities of the Chair of the Governing Body, the Head of the Institution and the Member Secretary serving the governing body clearly stated?	Yes
Does the Governing Body meet regularly? Is there clear evidence that members of the governing body attend regularly and participate actively?	The project started in July 2012 and till Dec-2013, <u>7 times</u> BoG meetings were conducted and the minutes of the meeting were published in the institution web site.

INSTITUTIONAL GOVERNANCE REVIEW TEMPLATE	
D- EFFECTIVENESS AND PERFORMANCE REVIEW OF GOVERNING BODIES	
SELF-REVIEW QUESTIONS	ASSESSMENT
Does the Governing Body keep their effectiveness under regular review and in reviewing its performance reflects on the performance of the institution as a whole in meeting its long- term strategic objectives and its short-term indicators of performance/ success?	In every meeting the action taken report on previous BoG minutes is discussed to ensure the complete implementation of BoG decisions. The BoG reviews and makes suitable suggestions for further development. In

	the BoG meeting as the last agenda BoG itself making the assessment in the institutional governance template.
Does the Governing Body ensure that new members are properly inducted, and existing members receive opportunities for further development as deemed necessary?	Being Govt. institution, academic members from the college get transferred. New members are appointed replacing the transferred faculty members in the immediate next BoG meetings itself. The appointments of new BoG members are subjected to the approval of the committee.






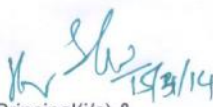
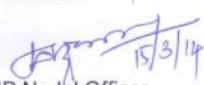
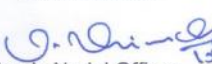
INSTITUTIONAL GOVERNANCE REVIEW TEMPLATE	
E – REGULATORY COMPLIENCE	
SELF-REVIEW QUESTIONS	ASSESSMENT
Does the Governing Body ensure regulatory compliance* and, subject to this, take all final decisions on matter of fundamental concern to the institution.	Yes. Based on TEQIP guidelines – PIP and State Govt. Policy
Does the regulatory compliance include demonstrating compliance with the 'not-for-profit' purpose of education institutions	Yes. As per State Govt. Policy
Have there been accreditation and/or external quality assurance by a national or professional body? If so, give details: name, status of current accreditation etc.	Already applied for NBA Accreditation and expecting the visit of Accreditation team before July 2014.

The above is approved

The meeting came to end by 5.30 PM. The Principal thanked all the Members.

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Sriperumpudur TK, Kanchipuram DT
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Chairman-BOG,

- | | | | |
|---|---|---|--|
| 2 | Prof. P. M. Kavimani,
Additional Director (Exams),
Directorate of Technical Education,
Chennai-600 025.
Mobile: 9443219453 | Eminent Educationalist
- BOG Member |  |
| 3 | Mr. P. Thanikachalam,
Managing Partner of Ideal
Foundations & NHAI Consultant,
A10, Jayanagar, TNHB Colony,
Kannagkurichi Main Road,
Salem- 636 008.
Mobile: 9486358872 | Representative from
Industry
- BOG Member |  |
| 4 | Dr. S. Marshal Anthoni,
Associate Professor,
Department of Mathematics,
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- BOG Member |  |
| 5 | Dr. P. K. Jayadev,
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Mobile: 9443056469 | Eminent Educationalist
- BOG Member |  |
| 6 | Mr. K. Arumugam,
FA & CAO ,
Directorate of Technical Education,
Chennai-600 025
Mobile – 94444 98508 | Nominee from finance wing
of DOTE -BOG Member |  |
| 7 | Prof. K. Subathra,
Principal (i/c),
Govt College of Engineering,
Bargur, Krishnagiri-635 104. | Principal(i/c) &
BOG Member |  |
| 8 | Dr. M. Chandrasekaran,
Prof. /ECE
Govt College of Engineering,
Bargur, Krishnagiri-635 104. | TEQIP Nodal Officer
- BOG Member |  |
| 9 | Dr. V. Thirunavukkarasu,
Asso. Prof / ECE,
Govt College of Engineering,
Bargur, Krishnagiri-635 104. | Academic Nodal Officer
/TEQIP (Representative
from Senior teaching Staff)
- BOG Member |  |